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	FORM		First Named Inventor	Wallack,	Aaron S.		1
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Fee	Attached		Licensing-related Papers			al Communication to Board of als and Interferences	
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Affidavits/declaration(s)		Power of Attorney, Revocation Change of Correspondence Ad	dress	Statu	s Letter		
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	SIGN	ATURE	OF APPLICANT, ATTORN	EY, OR A	GENT		]
Firm or Individual name	Cognex Corporation -	Arthur J.	O'Dea - Reg. No. 42,952				
Signature MMM						1	
Date January 30, 2004						]	
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Type or printed	Cheryl Sloane	00					
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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Wallack PE JC, Serial No.: 10/032,168

ed: 12/21/2001

Title: Probe Mark Inspection Method and

**Apparatus** 

Group Art Unit:

3725

Examiner:

Not Known

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**TECHNOLOGY CENTER R3700** 

Attorney Docket No.: C01-001

Commissioner for Patents P.O. Box 1450

Alexandria, VA 22313-1450

## **INFORMATION DISCLOSURE STATEMENT**

## Dear Sir:

This Information Disclosure Statement is submitted:

<u>X</u>	under 37 CFR 1.97(b), or
	(Within three months of filing national application; or date of entry of international
	application; or before mailing date of first office action on the merits; whichever occurs last)
_	under 37 CFR 1.97(c) together with either a:
	Statement under 37 CFR 1.97(e), or
	a \$180.00 fee under 37 CFR 1.17(p), or
	(After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
	under 37 CFR 1.97(d) together with a:
	Statement under 37 CFR 1.97(e), and
	a \$180.00 fee set forth in 37 CFR 1.17(p).
	(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)
	* *

X Applicant(s) submit herewith Form PTO 1449-Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

The relevance of the attached references is that this is the closest art of which Applicant is aware.

Applicant submits that the above references taken alone or in combination neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

Please be aware that the following c0-pending U.S. Patent Applications are related to this patent application:

09/708,431 Filed 11/9/2000 10/443,580 Filed 5/22/2003 10/335,829 Filed 12/31/2002

It is requested that the information disclosed herein be made of record in this application.

Respectfully submitted,

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or the correspondence is being facsimile transmitted to the USPTO, on the date indicated below.

Date of Deposit: //30/04

Typed Name: Cheryl Sloane

Arthur J. O'Dea

Attorney/Agent for Applicant(s)

Reg. No. 42,952

Date: January 29, 2004

Telephone No.: (508) 650-3108

Approved for use through 07/31/2003. OMB 0651-0031

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7				Examiner Name	Not known	
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Examiner Initials*	Cite No.	Document Number  Number - Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US- 4,396,903	08-02-1983	Habicht et al.	r igures Appear
	1	US- 4,490,848	12-25-1984	Beall et al.	
		US- 4,876,728	10-24-1989	Roth	
	-	US- 5,845,007	12-01-1998	Ohashi et al.	REON
		US- 5,862,249	01-19-1999	Jang et al.	FEB 0 6 2004
	1	US- 5,872,870	02-16-1999	Michael	FFRAC
		US- 5,917,935	06-29-1999	Hawthorne et al.	2004
		US- 5,179,419	01-12-1993	Lichauer et al.	TECHNOLOGY CENTER R
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		US- 5,588,068	12-24-1996	Longest et al.	
		US- 6,539,106	03-25-2003	Gallarda et al.	
		US- 6,167,150	12-26-2000	Michael et al.	
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	FOREIGN PATENT DOCUMENTS								
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Examiner Initials*	Cite No.1	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> ( <i>if known</i> )	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T⁵			
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no persons are required to respond to a collection of information unless it displays a valid OMB control number. Under the Paper Complete if Known Substitute for form 1449B/F Application Number 10/032,168 Filing Date 12/21/2001 INFORMATION DISCLOSURE First Named Inventor Wallack STATEMENT BY APPLICANT Art Unit 3725 **Examiner Name** Not known (use as many sheets as necessary) 2 C01-001 Sheet Attorney Docket Number

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		RAFAEL C. GONZALEZ AND RICHARD E. WOODS, <i>Edge Linking and Boundary Detection</i> , Digital Image Processing, Addison-Wesley Publishing Company, September, 1993	
		ANDREW FITZGIBBON, MAURIZIO PILU AND ROBERT B. FISHER, <i>Direct Least Sqare Fitting of Ellipses</i> , IEEE Transactions on Patern Analysis and Machine Intelligence, Vol. 21, No. 5, May 1999	
		ANDREW W. FITZGIBBON, ROBERT B. FISHER, A Buyer's Guide to Conic Fitting, British Machine Vision Conference, pp 513 – 522 (1995).	
		ROBERT M. HARALICK AND LINDA G. SHAPIRO, <i>Computer and Robot Vision</i> , Volume 1, Binary Machine Vision, Addison-Wesley Publishing Company, 1992	
		ASHOK K. AGRAWALA AND ASHOK V. KULKARNI, A Sequential Approach to the Extraction of Shape Features, Computer Graphics and Image Processing 6, 538-557, Academic Press Inc., 1977	
		D. GEIGER AND A. GUPTA AND L.a. COSTA, J. VLONTZOS, Dynamic Programming for Detecting, Tracking, and Matching Deformable Contours, IEEE Transaction on Pattern Analysis and Machine Intelligence, March 1995	
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